



*Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
www.msdlouky.org*

September 26, 2014

Ms. Donna Seadler  
Remedial Project Manager, Superfund Division  
US Environmental Protection Agency Region 4  
61 Forsyth St SW, 11<sup>th</sup> Floor  
Atlanta, GA 30303

Subject: Report of Field Observation – FY15, First Quarter (FY15-1Q)  
Lees Lane Superfund Site, Jefferson County, Kentucky  
Administrative Order on Consent, USEPA Docket No. 91-32-C

Dear Ms. Seadler:

In accordance with paragraph 11, under Reporting Requirements, of the subject Consent Order and Attachment 1, Operation and Maintenance Plan for Post Removal Site Control at the Lee's Lane Landfill Site, attached for your information and files is one copy of the Report of Field Observation (Appendix J).

Please advise if you have any questions concerning the following information.

Sincerely,

A handwritten signature in black ink that reads "Heather Dodds". The signature is written in a cursive, flowing style.

Heather Dodds  
Performance Metrics Supervisor

HND/hnd

cc: Sheri Adkins, Kentucky Division of Waste Management  
Daniel Phelps, Kentucky Division of Waste Management  
Anthony Marconi, MSD

**Observation Report No: FY15-1Q**

**Date of Observation: 09/26/2014**

Instruction: If any item is checked yes, provide details of the problem and maintenance recommendations below and indicate the location of deficiency on the site map provided.

<b>Comment No.</b>	<b>Comment</b>	<b>Corrective Action Performed</b>
A-4	Potholes in access road	None – Consent Order Capped Item (e)
C-7	Collar missing on multiple wells/moisture traps	MSD to coordinate with EPA / KDEP to determine next steps
C-8	Covers missing from multiple wells/moisture traps	See C-7
C-11	W26 missing cap	See C-7
C-12	Signs missing from multiple wells/moisture traps	See C-7
E-7	Vegetative growth on riprap slope	MSD to remove vegetation
F-1	Damage from vehicular trespassing	None – Consent Order Capped Item
F-3	Damage from vehicular trespassing	None – Consent Order Capped Item
F-4	Damage from vehicular trespassing	None – Consent Order Capped Item (k)
F-5	Damage from vehicular trespassing	None – Consent Order Capped Item (k)

REPORT OF FIELD OBSERVATION  
LEE'S LANE LANDFILL SITE, LOUISVILLE, KENTUCKY

Observation Report No: FY15-102 Date of Observation 9/26/14  
Time Arrived Onsite: 8:03 AM Time Departed Site: 8:55 AM  
Field Personnel: Heather Danks MOD

Section A: General Site Conditions

Observations:	<u>Yes*</u>	<u>No</u>	<u>Not Observed</u>	<u>Comment No.</u>
1. Major settlement of topsoil or erosion exposing waste/fill material	—	<u>X</u>	—	—
2. Evidence of leachate seepage	—	<u>X</u>	—	—
3. Distressed Vegetation	—	<u>X</u>	—	—
4. Pot holes, erosion of access road	<u>X</u>	—	—	<u>A-4</u>

Section B: Institutional Controls

Observations:	<u>Yes*</u>	<u>No</u>	<u>Not Observed</u>	<u>Comment No.</u>
1. Structural problem with Lee's Lane gate or barricade	—	<u>X</u>	—	—
2. Structural problem with Putman Ave. barricade	—	<u>X</u>	—	—
3. Lee's Lane gate unlocked	—	<u>X</u>	—	—
4. Broken or missing lock	—	<u>X</u>	—	—

Section C: Gas Collection System

Observations:	<u>Yes*</u>	<u>No</u>	<u>Not Observed</u>	<u>Comment No.</u>
1. Vandalism to blower house wells, or moisture traps	—	<u>X</u>	—	—
2. Structural damage to blower house	—	<u>X</u>	—	—
3. Blower not operating or visible damage	—	<u>X</u>	—	—
4. Blower house not secure and unclean	—	<u>X</u>	—	—

Observations:	<u>Yes*</u>	<u>No</u>	<u>Not Observed</u>	<u>Comment No.</u>
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5.	Service box lids not in place	—	<u>X</u>	—	—
6.	Alarm and blower controls not functioning	—	<u>X</u>	—	—
7.	Settlement or tilting of well/moisture trap concrete collars	<u>X</u>	—	—	<u>C-7</u>
8.	Well/moisture trap covers missing or damaged	<u>X</u>	—	—	<u>C-8</u>
9.	Excessive vegetation covering wells/moisture traps	—	<u>X</u>	—	—
10.	Adjustment valve inaccessible	—	—	<u>X</u>	—
11.	Well/moisture trap caps, plugs, and piping missing	<u>X</u>	—	—	<u>C-11</u>
12.	Blower house and well/moisture trap signs missing or damaged	<u>X</u>	—	—	<u>C-12</u>

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Section D: Groundwater & Gas Monitor Wells

Observations:	<u>Yes*</u>	<u>No</u>	<u>Not Observed</u>	<u>Comment No.</u>
1. Wells unlocked	—	<u>X</u>	—	—
2. Guard posts and rails missing or damaged	—	<u>X</u>	—	—
3. Protective casing missing, damaged or rusted	—	<u>X</u>	—	—
4. Concrete pads damaged or cracked	—	<u>X</u>	—	—
5. Possible surface water infiltration into wells	—	<u>X</u>	—	—
6. Excessive vegetation or debris around wells	—	<u>X</u>	—	—
7. Well cap missing or damaged	—	<u>X</u>	—	—
8. Tubing, fittings, and valves missing or damaged (gas wells only)	—	<u>X</u>	—	—

Section E: Bank Protection Controls

Observations:	<u>Yes*</u>	<u>No</u>	<u>Not Observed</u>	<u>Comment No.</u>
1. Subsidence of slope, sloughing or caving	—	<u>X</u>	—	—
2. Erosion of rip-rap or underlying material	—	<u>X</u>	—	—
3. Abnormally damp areas, wet ground vegetation	—	<u>X</u>	—	—
4. Soft spots in surface	—	<u>X</u>	—	—
5. Seepage, water flow, piping, or sand boils	—	<u>X</u>	—	—
6. Undermining of rip-rap	—	<u>X</u>	—	—
7. Vegetative growth on rip-rap slope	<u>X</u>	—	—	<u>2-7</u>
8. Buildup of trash and debris on rip-rap	—	<u>X</u>	—	—
9. Exposed trash or filter fabric	—	<u>X</u>	—	—
10. Tilting trees	—	<u>X</u>	—	—
11. Tension cracks	—	<u>X</u>	—	—
12. Survey monuments missing or damaged	—	—	<u>X</u>	—

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Section F: Surface Waste Cleanup/Cover

Observations:	<u>Yes*</u>	<u>No</u>	<u>Not Observed</u>	<u>Comment No.</u>
1. Swales greater than 1 foot wide and 2 inches deep	<u>X</u>	—	—	—
2. Cracks greater than 1 inch wide and 6 inches deep	—	<u>X</u>	—	—
3. Areas of erosional damage to grass	<u>X</u>	—	—	—
4. Inadequate grass cover (area > 36 ft <sup>2</sup> )	<u>X</u>	—	—	—
5. Ponded water (area larger than 2 feet in diameter and 3 inches deep)	<u>X</u>	<del>X</del>	—	—
6. Erosion or ponded water greater than 12 inches deep (requires immediate repair)	—	<u>X</u>	—	—

\*If yes, assign a comment no. in the last column and follow instructions on comment sheet.

REPORT OF FIELD OBSERVATION  
LEE'S LANE LANDFILL SITE, LOUISVILLE, KENTUCKY

Site Map

A-1 Potholes in access Rd.

C5, ~~C6~~, C7, C8, C11, C12 - multiple locations.  
Cross referenced with previous report. No  
further deterioration / new missing items --  
Same condition.

E7 - Vegetation including waxy vegetation  
in riprap slope. FP crew to clear w/  
Boom mowers, spray retardant.

F1, F3, F4, F5 - damage caused by vehicular  
trespassing. New loop / trail south of  
levee access ramp, east of pond area.

Observer's Signature: Heather [Signature]  
Date: 9/26/14